

iSWAP with multiplexed readout in 10 lines of QUA code

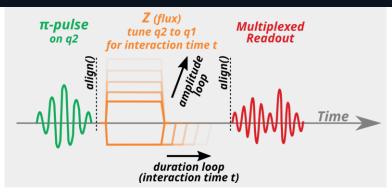


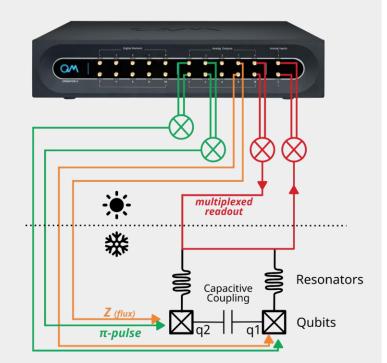


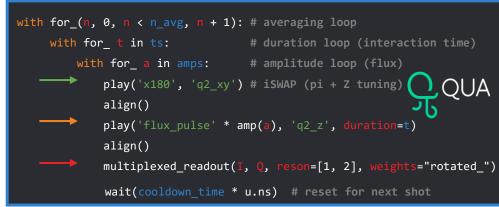
"We were extremely surprised by the flexibility that OPX offers and by how much easier it makes our experiments. Moreover, OPX provides extreme speed-ups. No more frustration due to long waiting times for unwanted results!"

Prof. Tse-Ming ChenNational Cheng Kung University, Taiwan









The **OPX** orchestrates the π-pulse and the flux tuning on *qubit 2* through resonance with *qubit 1*. Multiplexed readout reveals excitation oscillation, signature of the induced SWAP dynamics.

